

Technical specifications

Basis carpet tiles meet the requirements of EN 1307

	Description	Tufted low loop pile carpet tile
	Dimensions	50cm x 50cm (Other sizes available for special orders)
	Total thickness	5.7mm ± 10%
	Pile height	2.8mm ± 0.5mm
	Collection size	32 colourways, 5m ² per box
	Application	EN 1307 Class 33, Suitable for any type of heavy contract application
	Pile composition	100% Aquafil polyamide
	Dye method	100% space dyed
	Stitch density	200,940 per m ² ± 10%
	Pile weight	520gsm ± 10%
	Total weight	3,835gsm ± 10%
	Primary backing	Polyester
	Secondary backing	ProBac recycled mineral filler with low amount of modified bitumen, and polyester fleece. Contains over 76% recycled content.
	Castor chair use	EN 985 Minimum R Value: ≥ 2.4
	Light fastness	EN ISO 105-B02 ≥ 5
	Dimensional stability	EN 986 ≤ 0.2 %
	Impact sound reduction	ISO 10140-3 ΔL _W 22dB
	Noise reduction	ISO 354 Weighted sound absorption coefficient (α _w) 0.15
	Creating Better Environments	
	Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)
	Recycled Content	Basis carpet tiles contain 66% recycled content by weight
	Indoor Air Quality	Basis carpet tiles comply to 01350 Indoor Air Quality Standard
	Ska Rating	Basis meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes
	Guarantee	Basis carpet tiles are guaranteed for 10 years under heavy contract conditions provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.
	Installation method	Monolithic, quarter turn or tessellated

Basis carpet tiles meet the requirements of EN 14041

	Product code	EN 14041 1170100-DoP-306
	Reaction to fire	EN 13501-1 B _{f1} -s1, L, NCS
	Slip resistance	EN 13893 μ ≥ 0.30
	Body voltage	ISO 6356 < 2 kV



All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001.

Tessera Basis carpet tiles are manufactured in a facility certified to SA8000® and OHSAS 18001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM.

Colourway choice

As with any product, colour and design influence the appearance retention of the floor.

The level and type of traffic should be considered as part of the process for selecting the Basis colourway. Light colours may not be suitable for heavy traffic areas.

Installation and maintenance

Shades may vary from batch to batch and should be checked before installation. Batches should not be mixed in the same location. All Tessera products are to be installed in full accordance with Forbo installation instructions and recognised trade standards.

Our recommended adhesive for our collection of Tessera carpet tiles is 542 Eurofix Tack Plus.

A well designed entrance flooring system will prevent dirt and moisture from being tracked into the building, prolonging the life of the carpet tiles, reducing cleaning, repair and overall maintenance costs. Forbo Coral and Nuway entrance systems are independently proven to remove and retain up to 94% of all dirt and moisture entering a building. Please contact customer services for more information.

Regular vacuuming is essential (using a high suction power driven brush vacuum). Spills and surface stains can be removed by sponging with a damp cloth or, for more resistant stains, with a mild detergent solution.

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BREEAM ratings Tessera – Basis

Building Type Office	Education	Healthcare	Multi Residential	Retail (Durability)	Retail (Fashion)
A	A	A+	A	A	A+